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**SPK-1  
VOLTAGE ACTIVATED A / B SWITCH  
HOOKUP & OPERATING INSTRUCTIONS**

**INTRODUCTION**

The SPK-1 is a two channel, speaker-level A-B switch. The SPK-1 can be used to switch amplifiers, speakers, surround sound systems, or for any application where a voltage-activated speaker-level switch is preferred.

Applying 12 volts DC to the control input connector activates the switch. A control output connector is also provided. The control output is internally connected in parallel with the SPK-1's control input. The control output can be used to control additional SPK-1's by "daisy-chaining" the control output of one unit to the control input of the next. Connecting two SPK-1's together enables you to switch four channels of speaker-level signals and connecting three units together lets you switch six channels, and so on. A maximum of 6 SPK-1's may be connected together in this manner.

The control output can also be used to connect other Niles switching devices such as the AC-3 Voltage Activated AC Outlet and the AVS-2 Voltage Activated Line-Level Switch.

The SPK-1 is designed primarily to be used as an expansion unit for the Niles SAS-1 Signal Activated A-B Switch. The SAS-1 is an automatic A-B switch designed to replace manually operated A-B switches. It automatically switches from A to B when a signal is present at input B. The SAS-1 can switch any combination of line-level audio, speaker-level audio and composite video signals. Using its control out connector, the SAS-1 can be used as the "master" unit which activates other "slave" units such as the SPK-1, AVS-2 and AC-3. Please refer to our product catalog for more information on these and other Niles switching systems available.

**CONNECTIONS**

Refer to figures 1 through 3 on the reverse side for details.

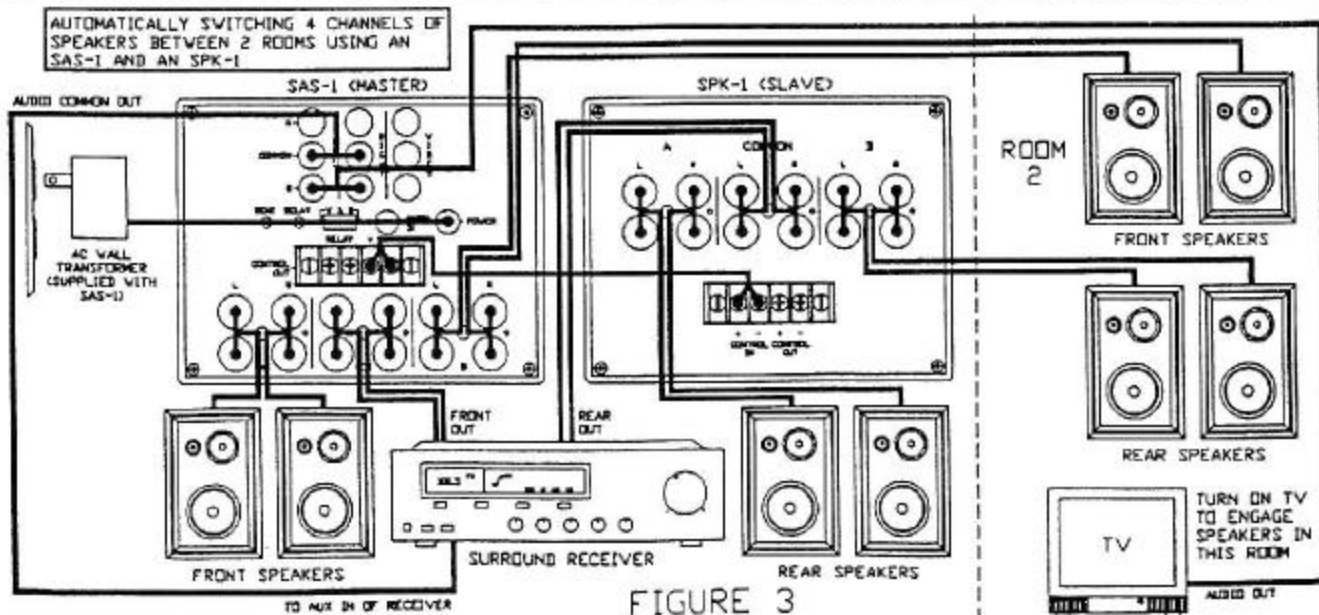
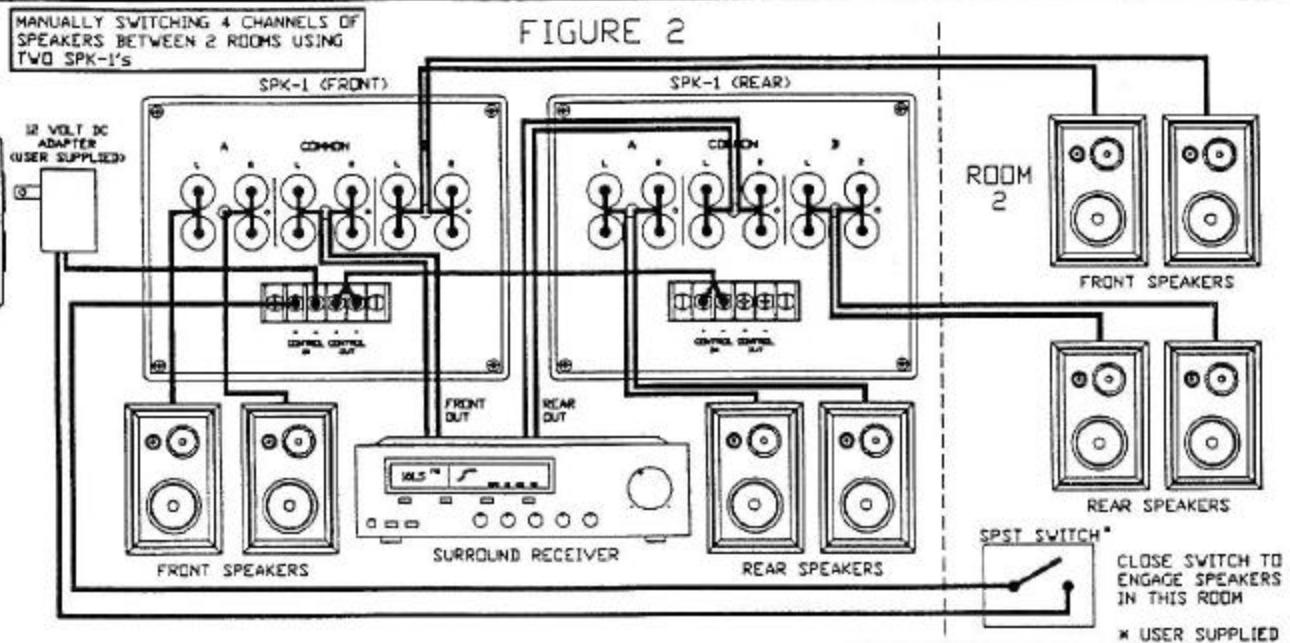
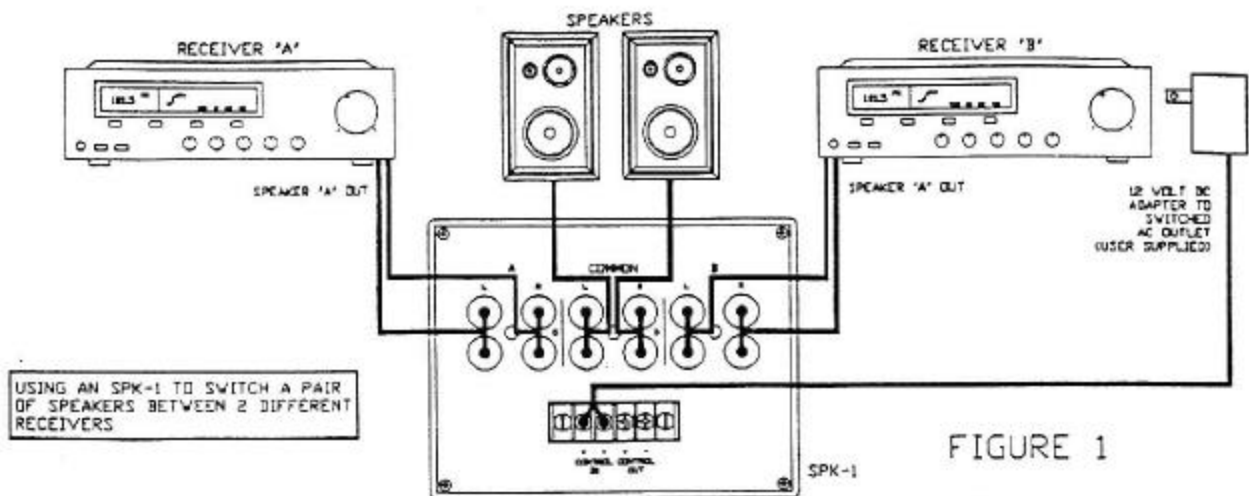
Strip approximately 1/4" - NO MORE - of insulation from each wire. Twist the free ends of each wire tightly together and insert them into the appropriate holes in the binding posts. Secure by turning the binding posts until they are hand-tight. BE SURE TO OBSERVE PROPER PHASING - connect the positive terminals of the amplifier(s) and speakers to the positive terminals of the SPK-1 and connect the negative terminals of the amplifier(s) and speakers to the negative terminals of the SPK-1.

Connect the 12 volt DC source which will activate the SPK-1 to the "CONTROL IN" connector. An optional DC adapter is available from Niles Audio (order part # XF00019). BE SURE TO OBSERVE PROPER POLARITY WHEN MAKING THIS CONNECTION.

Any other switching devices to be activated at the same time may be "daisy chained" together by using the "CONTROL OUT" connector.

**SPECIFICATIONS**

Speaker Level Power Handling	600 Watts/channel continuous (RMS)
Connectors	Five-Way speaker wire binding posts
Power Requirements	12 volts DC at .1 Amp (100 milliamps)
Overall Dimensions	6 13/16" Wide x 3 1/8" High x 5 5/16" Deep
Weight	1 1/2 lbs.



# SPK-1



## Voltage Activated Speaker Level AB Switch

